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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 576P091 107583644 APPLICATION NUMBER (If known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/JP2004/019009	INTERNATIONAL FILING DATE 20 December 2004	PRIORITY DATE CLAIMED 22 December 2003
TITLE OF INVENTION POLYAMIDE ACID RESIN CONTAINING UNSATURATED GROUP, PHOTOSENSITIVE RESIN COMPOSITION USING SAME, AND CURED PRODUCT THEREOF		
APPLICANT(S) FOR DO/EO/US Chika Amishima, Ryutaro Tanaka, Hideaki Kametani and Hiroo Koyanagi		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))       <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))       <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))       <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
<b>10/583644</b>	PCT/JP2004/019009	576P091

## 20. Other items or information:

1. Copy of the International Search Report
2. Copy of Form PCT/IB/304 & PCT/IB/308

The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				-	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	-
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	17 - 20 =	0	x \$ 50	\$ 0	
Independent claims	1 - 3 =	0	x \$200	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$ 360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,260.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				-	
				<b>SUBTOTAL =</b>	\$ 1,260.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)).				\$ -	
<b>TOTAL NATIONAL FEE =</b>				\$ 1,260.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,300.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

- a.  A check in the amount of \$ 1,260.00 & \$40 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0930A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO: CUSTOMER NO: 42754

Nields & Lemack  
176 E. Main Street - Suite 7  
Westboro, MA 01581

  
\_\_\_\_\_  
SIGNATURE  
Kevin S. Lemack  
\_\_\_\_\_  
NAME  
\_\_\_\_\_  
32,579  
\_\_\_\_\_  
REGISTRATION NUMBER

10/583644  
AP3 Rec'd PCT/PTO 20 JUN 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

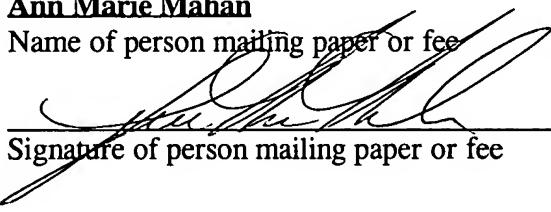
Applicants : Chika Amishima et al.  
Serial No. : Not yet assigned (PCT/JP2004/019009)  
Filed : Herewith by Express Mail (20 December 2004)  
For : POLYAMIDE ACID RESIN CONTAINING UNSATURATED GROUP, PHOTOSENSITIVE RESIN COMPOSITION USING SAME, AND CURED PRODUCT THEREOF  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P091  
Type of paper : **Filing Fee**

"EXPRESS MAIL" MAILING LABEL NO EQ 316343134 US  
DATE OF DEPOSIT: June 20, 2006

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, **Mail Stop: PCT**, Alexandria, VA 22313-1450.

Ann Marie Mahan

Name of person mailing paper or fee

  
Signature of person mailing paper or fee

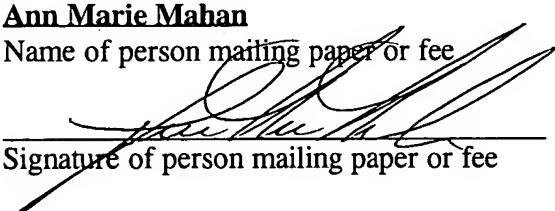
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P091  
Type of paper : **Copy of the International Search Report**

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Ann Marie Mahan  
Name of person mailing paper or fee  
  
Signature of person mailing paper or fee

10/583644

AP3 Rec'd PCT/PTO 30 JUN 2006

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Docket No. : 576P091  
Type of paper : Letter

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**Ann Marie Mahan**

Name of person mailing paper or fee

Signature of person mailing paper or fee

10/583644

Attorney Docket No. 576P091

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Chika Amishima, Ryutaro Tanaka, Hideaki Kametani and Hiroo Koyanagi**

For: **POLYAMIDE ACID RESIN CONTAINING UNSATURATED GROUP, PHOTORESISTIVE RESIN COMPOSITION USING SAME, AND CURED PRODUCT THEREOF**

Mail Stop: PCT  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir: **LETTER**

The above-identified applicants enclose for filing the national phase of a PCT patent application (PCT/JP2004/019009) entitled "POLYAMIDE ACID RESIN CONTAINING UNSATURATED GROUP, PHOTORESISTIVE RESIN COMPOSITION USING SAME, AND CURED PRODUCT THEREOF". Said attached PCT patent application includes (1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (3-Pages); (2) Translation of the International Application into English: 53-Page Specification (including 4-Pages of Claims (17) and 1-Page Abstract); (3) Preliminary Amendment (8-Pages); (4) Executed Declaration of the Inventors (3-Pages); (5) Check in the amount of \$1260.00 in payment of the Filing Fee; (6) Copy of the International Search Report (2-pages); (7) Recordation Form Cover Sheet (1-Page), Assignment (2-Pages); (8) Check in the amount of \$40.00 in payment of the Recording Fee; (9) Copy of the Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (Form PCT/IB/308)(1-Page); and (10) Copy of the Notification Concerning Submission of Priority Document (Form PCT/IB/304)(1-Page).

**PLEASE ENTER THE PRELIMINARY AMENDMENT BEFORE CALCULATING THE CLAIMS.**

All correspondence concerning this application should be mailed to: **CUSTOMER NO: 42754**

Kevin S. Lemack  
Nields & Lemack  
176 E. Main Street - Suite 7  
Westboro, Massachusetts 01581

Respectfully submitted,

  
Kevin S. Lemack  
Attorney for Applicant  
Registration No. 32,579

Date: June 20, 2006  
EXPRESS MAIL NO: EQ 316343134 US

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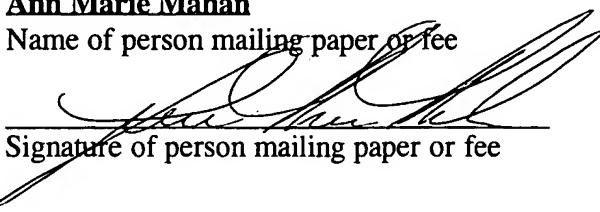
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P091  
Type of paper : Translation of the International Application into English

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10/583644  
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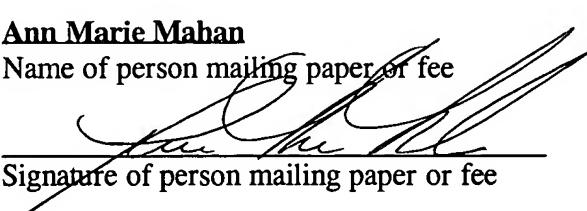
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P091  
Type of paper : Transmittal Letter to the United States Designated/Elected  
Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371

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Name of person mailing paper or fee

  
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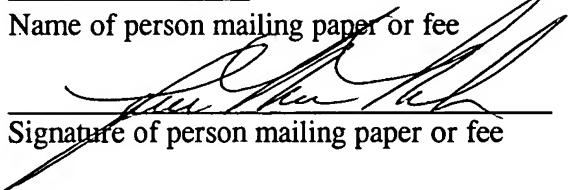
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P091  
Type of paper : **Assignment**

"EXPRESS MAIL" MAILING LABEL NO EQ 316343134 US  
DATE OF DEPOSIT: June 20, 2006

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**Ann Marie Mahan**

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Signature of person mailing paper or fee

10/583644

AP3 Rec'd PCT/PTO 30 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

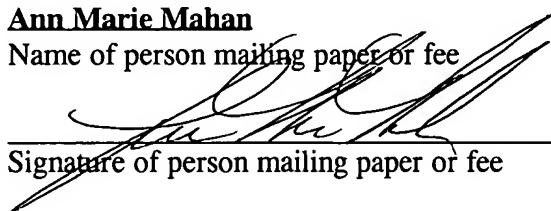
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Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : 576P091  
Type of paper : **Recording Fee**

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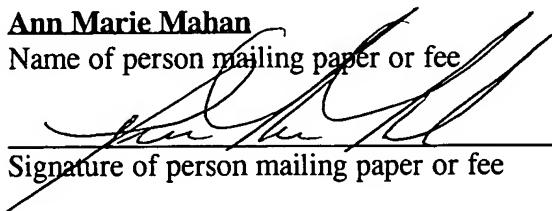
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